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(54) **Title:** DEVICE AND METHOD FOR INTRA-PREDICTION OF A PREDICTION BLOCK OF A VIDEO IMAGE

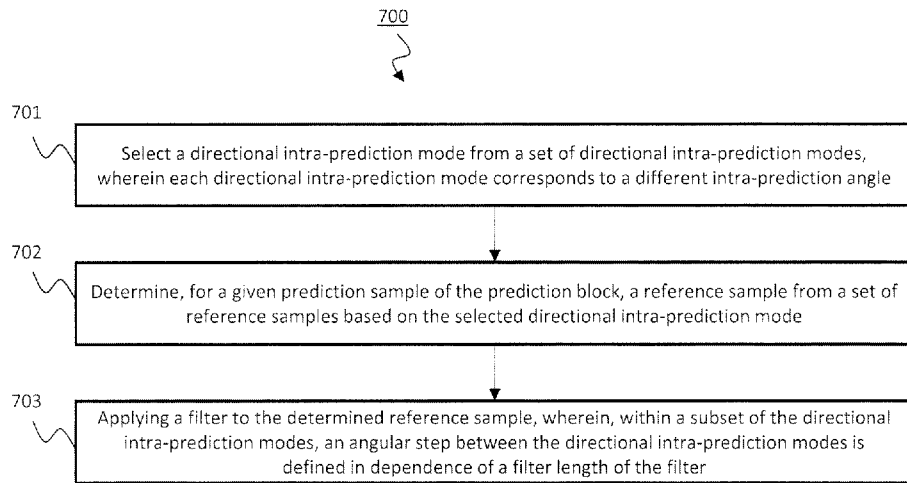


Fig. 7

(57) **Abstract:** The present invention relates to the field of picture processing, for example still picture/image and/or video picture/image coding. In particular, the invention relates to a device and corresponding method for intra-predicting a prediction block of a video image. The device is configured to select a directional intra-prediction mode from a set of directional intra-prediction modes, wherein each directional intra-prediction mode corresponds to a different intra-prediction angle. Further, the device is configured to select a filter from a set of filters based on the selected directional intra-prediction mode. Further, the device is configured to determine, for a given prediction sample of the prediction block, a reference sample from a set of reference samples based on the selected directional intra-prediction mode, and apply the selected filter to the determined reference sample.



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